

INFORMATION AND CYBERSECURITY DIVISION

1. Conduct of Vulnerability Assessment and Penetration Testing (VAPT) on New and Existing PRO Systems

The Vulnerability Assessment and Penetration Testing (VAPT) is a security service that focuses on identifying vulnerabilities in the network, server, and system infrastructure. A Vulnerability Assessment (VA) examines, discovers, and discloses known vulnerabilities first. It generates a report that details the vulnerability's categorization and priority. On the other hand, Penetration Testing (PT) seeks to exploit vulnerabilities to identify the level of entrance. PT assesses the level of defense.

The goal of the VAPT is to identify, prioritize and recommend remediation for vulnerabilities and threats that can be exploited to gain unauthorized access or cause harm. This process involves both automated and manual techniques, including vulnerability scanning, penetration testing, and source code reviews. Its purpose is to provide organizations with actionable recommendations to improve their security posture and reduce the risk of cyber-attacks.

Office or Division:	Information and Cybersecurity Division
Classification:	Highly Technical
Type of Transaction:	G2G – Government to Government
Who may avail:	PRO Assets and System Owners
CHECKLIST OF REQUIREMENTS	
WHERE TO SECURE	
1. VAPT Request Form 2. PT Waiver Form	VAPT Drive under Google Workspace wherein only VAPT Members have the access to the VAPT Drive.

CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
1. Send an email request for VAPT of systems.	1.1. Acknowledge the request and provide the VAPT Request Form and/or the PT Waiver Form.	None	15 minutes	<i>Information Systems Analyst II</i> Security Testing Unit
2. Accomplish the VAPT Request Form and PT Waiver Form.	2.1. Review the accomplished VAPT Request Form and/or PT Waiver Form and interview the System owner.	None	1 hours	<i>Information Systems Analyst III</i> Security Testing Unit

None	2.2. Prepare and develop the VAPT Master Plan.	None	1 day	<i>Information Systems Analyst II</i> Security Testing Unit
None	2.3. Conduct VA.	None	2 hours	<i>Information Systems Analyst I</i> Security Testing Unit
None	2.4. Create and analyze VA Report.	None	30 minutes	<i>Information Systems Analyst II</i> Security Testing Unit
None	2.5. Conduct PT.	None	1 day	<i>Information Systems Analyst III</i> Security Testing Unit
None	2.6. Create and Analyze PT Report.	None	1 hours	<i>Information Systems Analyst III</i> Security Testing Unit
None	2.7. Compile and create VAPT Initial Report.	None	1 hours	<i>Information Systems Analyst III</i> Security Testing Unit
None	2.8. Send to ISA III, ITO II, and ITO III the VAPT Report for approval.	None	30 minutes	<i>Information Systems Analyst II</i> Security Testing Unit
None	2.9. Approve the VAPT Report.	None	3 hours	<i>Information Systems Analyst III/ Information Technology Officer II /III</i>
3. Receive the Initial VAPT Report with recommendation/s for remediation.	3.1. Email Initial VAPT Report with recommendation/s for remediation to System Owner.	None	15 minutes	<i>Information Systems Analyst II</i> Security Testing Unit
4. Perform remediation in the	4.1. Acknowledge receipt	None	15 minutes	<i>Information Systems Analyst II</i>

system/s and provide remediation reports.	of remediations reports.			Security Testing Unit
None	4.2. Conduct another cycle of VAPT on the remediated system/s.	None	1 day and 2 hours	<i>Information Systems Analyst III</i> Security Testing Unit
None	4.3. Create, analyze, and compile VAPT reports.	None	2 hours and 30 minutes	<i>Information Systems Analyst III</i> Security Testing Unit
5. Receive the Initial VAPT Report with recommendation/s for remediation	5.1. Email the Initial VAPT Report with recommendation/s for remediation to System Owner.	None	15 minutes.	<i>Information Systems Analyst II</i> Security Testing Unit
None	5.2. Create the VAPT Final Report. Note: If the System Owner did not accept the risks, the Client will repeat Client Step 4.	None	4 hours	<i>Information Systems Analyst III</i> Security Testing Unit
TOTAL:		None	5 days and 2 hours and 30 minutes	